

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

LD0001G	Overall LMA Rating	Total LMA Miles				
Levee District No. 0001 (Glenn County)	M	12.45				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	0.45		0.45	3.61%		
Trim / Thin Trees	0.11		0.11	0.88%		
Encroachments	0.31		0.31	2.49%	0.07	
Animal Control	0.34		0.34	2.73%		
Erosion / Bank Caving		0.01	0.04	0.32%		
LMA Totals:	1.21	0.01	1.25	10.04%	0.07	0.00

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet
Fall 2011 Levee Inspection Results****Levee District No. 0001 (Glenn County)**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Levee District No. 0001 (Glenn County)

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	12.45
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	3/23/2011 - 3/23/2011		10/3/2011 - 10/3/2011	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Bill Carriere		Bill Carriere	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Levee District No. 0001 (Glenn County)

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River						Right	12.45	10/03/2011 10/03/2011	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	1.10	1.33	Earthen Levee	Encroachments	LS	M	Buildings	39.491887 ° -122.020238 °	39.494572 ° -122.017840 °	4 Y
2	1.23	1.23	Earthen Levee	Encroachments	WS	M	Debris	39.493423 ° -122.018885 °	39.493423 ° -122.018885 °	1 Y
3	1.35	1.39	Earthen Levee	Encroachments	LS	PO	Landscaping	39.494828 ° -122.017632 °	39.495330 ° -122.017163 °	6 Y
4	3.10	3.10	Earthen Levee	Encroachments	LS	M	Prunings	39.512990 ° -122.009085 °	39.512990 ° -122.009085 °	9
5	3.13	3.13	Earthen Levee	Animal Control	WS	W	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.513358 ° -122.009448 °	39.513358 ° -122.009448 °	26 Y
6	3.13	3.13	Earthen Levee	Animal Control	LS	C	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.513358 ° -122.009448 °	39.513358 ° -122.009448 °	3
7	3.22	3.22	Earthen Levee	Encroachments	LS	M	Prunings	39.514378 ° -122.010306 °	39.514378 ° -122.010306 °	16 Y
8	3.70	3.70	Earthen Levee	Encroachments	LS	M	Prunings	39.520710 ° -122.010517 °	39.520710 ° -122.010517 °	5
9	3.93	3.93	Earthen Levee	Encroachments	LS	M	Equipment	39.523660 ° -122.010863 °	39.523660 ° -122.010863 °	23
10	3.94	3.94	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.523845 ° -122.010745 °	39.523845 ° -122.010745 °	395 Y
11	5.63	5.66	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.541042 ° -121.999276 °	39.541454 ° -121.999521 °	25
12	5.99	6.15	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.545942 ° -122.001185 °	39.548203 ° -122.001464 °	33
13	6.00	6.00	Earthen Levee	Encroachments	LS	M	Prunings	39.546014 ° -122.001188 °	39.546014 ° -122.001188 °	32
14	6.36	6.37	Earthen Levee	Encroachments	LS	M	Prunings	39.551068 ° -122.002450 °	39.551238 ° -122.002498 °	13
15	6.39	6.39	Earthen Levee	Encroachments	WS	C	Prunings	39.551532 ° -122.002575 °	39.551532 ° -122.002575 °	14
16	6.39	6.42	Earthen Levee	Encroachments	LS	PO	Landscaping	39.551575 ° -122.002595 °	39.552017 ° -122.002743 °	15 Y
17	6.48	6.87	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	39.552726 ° -122.002998 °	39.558273 ° -122.004291 °	29
18	8.17	8.28	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight.	39.576580 ° -122.004962 °	39.578187 ° -122.005218 °	20 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Levee District No. 0001 (Glenn County)

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River						Right	12.45	10/03/2011 10/03/2011	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
19	8.96	8.96	Earthen Levee	Erosion / Bank Caving	WS	U	Schedule repair of erosion site prior to the next inspection.	39.587102 ° -122.005605 °	39.587102 ° -122.005605 °	7 Y
20	9.03	9.62	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	39.588028 ° -122.005321 °	39.595938 ° -122.002652 °	41
21	9.70	9.70	Earthen Levee	Encroachments	LS	M	Debris	39.597078 ° -122.002127 °	39.597078 ° -122.002127 °	11 Y
22	10.21	10.21	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.603211 ° -121.997176 °	39.607431 ° -121.994458 °	46 Y
23	10.65	10.69	Earthen Levee	Animal Control	LS	W	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.608748 ° -121.993678 °	39.609355 ° -121.993628 °	12 Y
24	11.02	11.02	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.614213 ° -121.994548 °	39.614213 ° -121.994548 °	21
25	11.82	11.94	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.624171 ° -121.999967 °	39.625823 ° -122.000834 °	42
26	12.07	12.13	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	39.627423 ° -122.001562 °	39.628278 ° -122.001818 °	44

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Unit No. 01 Sacramento River	Right	12.45	10/03/2011 10/03/2011	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	1.10
End Levee Mile	1.33
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of vehicles & equipment along the L/S toe.

rduffey_f_20111206_550.jpg



Levee Mile Report Line	2
Start Levee Mile	1.23
End Levee Mile	1.23
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of the debris & garbage along the W/S toe.

rduffey_f_20110927_001.jpg



Levee Mile Report Line	3
Start Levee Mile	1.35
End Levee Mile	1.39
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the permitted landscape on the landside slope of the levee.

rduffey_f_20110927_003.jpg



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Levee Mile Report Line	5
Start Levee Mile	3.13
End Levee Mile	3.13
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of repaired rodent holes along the W/S slope.

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Levee Mile Report Line	7
Start Levee Mile	3.22
End Levee Mile	3.22
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the prunings pile along the L/S toe.

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Levee Mile Report Line	10
Start Levee Mile	3.94
End Levee Mile	3.94
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the L/S toe.

rduffey_f_20111206_553.jpg



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Levee Mile Report Line	16
Start Levee Mile	6.39
End Levee Mile	6.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the permitted landscape along the landside slope.

rduffey_f_20110927_006.jpg



Levee Mile Report Line	18
Start Levee Mile	8.17
End Levee Mile	8.28
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of the trees and vegetation along the waterside slope of the levee.

rduffey_f_20110927_007.jpg



Levee Mile Report Line	19
Start Levee Mile	8.96
End Levee Mile	8.96
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion from the failed pipe.

rduffey_f_20110927_004.jpg



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Levee Mile Report Line	21
Start Levee Mile	9.70
End Levee Mile	9.70
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of debris along the toe of the levee.

rduffey_f_20110927_005.jpg



Levee Mile Report Line	22
Start Levee Mile	10.21
End Levee Mile	10.21
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the L/S slope.

rduffey_f_20111206_554.jpg



Levee Mile Report Line	23
Start Levee Mile	10.65
End Levee Mile	10.69
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of repaired rodent holes along the L/S slope.

rduffey_f_20111206_555.jpg



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